A fishing boat sails 10 km North in still water, then turns West and sails 12 km, then turns North and sails 15 km, then turns to its left and sails 12 km. Where is the boat now with reference to its starting position?

1. Northwest

2. Southeast

3. Southwest

4. Northeast

A postman starts from the post office and cycles 13 km south, then turns west and cycles 10 km, then turns north and cycles 8 km, then turns east and cycles 2 km and then turns to his left and cycles 5 km. Where is he now with reference to his starting position?

1. 8 km east

2. 12 km east

3. 12 km west

4. 8 km west

Five people are playing a game in which they are standing at different positions. Mohan is standing at the east of Ram. Suresh is standing at the north of Ram. Rohit is standing at the north of Mohan. Seeta is standing at the east of Rohit. Suresh is in which direction with respect to Rohit?

1. North

2. South

3. West

4. East

Directions: Study the following information carefully and answer the question based on it.
Two trains P and Q start from the same point. Q travels 8 km South, then turns to its left and travels another 9 km. P travels 4 km East, then turns South and travels 6 km, then turns to its left and travels another 5 km. Where is Q with respect to P now?

1. 2 km North

2. 4 km West

3. 2 km South

4. 4 km East

From a point, Raju started walking towards east and walked 35 m. He then turned right and walked 20 m, and he again turned right and walked 35 m. Finally, he turned left and walked 20 m and reached his destination. How far is he now from his starting point?

1. 50 m

2. 40 m

3. 20 m

4. 55 m

X and Y start from the same point. X walks 75 m West, then turns to his right and walks 130 m. At the same time, Y walks 60 m North, then turns East and walks 110 m, then turns to his left and walks 70 m. Where is Y now with respect to the position of X?

1. 185 m West

2. 35 m East

3. 185 m East

4. 35 m West

Aarav is playing a running game. He started running from his home towards the west and ran 22 m to reach the garden. Now he turns left and runs 18m to reach his school. Then he turns left and runs 18m to his friend's house. Then he again turns left and runs 12m until he stops. Then what direction was he in from his home.

1. South-west

2. North-west

3. North-east

4. North

Subin starts walking from his house. He walks 4 km in the north direction, then he turns left and walks 5 km, then he walks 2 km in the south, then turns left and walks 3 km, then finally turns right and walks 2 km to reach his school. What is the shortest distance between Subin's house and school? In which direction is the school with respect to the house?

1. 2 km, South

2. 2 km, West

3. 2 km, East

4. 3 km, West

Mohan started from point A and proceeded 7 km straight towards east, then he turned left and proceeded straight for a distance of 10 km. He then turned left again and proceeded straight for a distance of 6 km, and then turned left again and proceeded straight for another 10 km. How far and in which direction is he with respect to point A?

1. 1 km, west

2. 1 km, south

3. 2 km, north

4. 1 km, east

Town A is at the north of town B. Town C is at the east of town B. Town D is at the south of town C. Town D is in which direction with respect to town A?

1. South-west

2. South-east

3. North-west

4. North-east

Vijayan started walking towards south. After walking 15 m, he turned left and walked 15 m. He again turned left and walked 15 m. How far and in which direction is he from his starting point?

1. 30 m, east

2. 15 m, west

3. 15 m, south

4. 15 m , east

Kartik's college is 8 km North to his house, while his office is 15 km west to his house. What is the minimum distance between his college and his office?

1. 17 km

2. 19 km

3. 21 km

4. 23 km

A migratory bird flies 100 km Northeast and reaches city A. Then it flies 60 km South to reach city B. Further bird flies 70 km in East to reach C. What is the shortest distance between Starting point and point B?

1. 80 km

2. 70 km

3. 90 km

4. 60 km

David starts walking from his house. He walks 4 km in the south direction, then he turns right and walks 5 km, then he walks 2 km in the north, then turns right and walks 3 km, then finally turns left and walks 2 km to reach his school. In which direction is the school with respect to the house?

1. South

2. West

3. East

4. North

Two village women M and N start walking from the same point. M walks 4 km west, then turns left and walks 2 km. Meanwhile N walks 6 km south, then turns west and walks 4 km, then turns left and walks 1 km. Where is N with respect to M?

1. N is 9 km south of M

2. N is 9 km north of M

3. N is 5 km north of M

4. N is 5 km south of M

Two planes E and F start flying from the same point. E flies 7 km west, then turns to its left and flies 15 km. Meanwhile F flies 11 km east and turns right and flies 15 km. Where is F with respect to E?

1. F is 18 km west of E

2. F is 4 km east of E

3. F is 18 km east of E

4. F is 4 km west of E

Town A is 5m to the west of B. Town C is 5m to the north of town B. Town D is 8m to the south of town A. Town E is 10m to the east of town D. In which direction is town E with respect to town A?

1. South East

2. North east

3. North west

4. South west

Devendra travels 3 km towards west from his house. He turns to his left and walks 5 km, then turns to his right and walks 3 km, then again runs to his right and walks 5km. Finally, Devendra turns left and stops after walking 1 km. How far and in which direction is he from the starting point?

1. 7 km East

2. 7 km West

3. 9 km North

4. 9 km South

Two cars X and Y are moving on the road. They start from the same point. X moves 80 km West, then turns right and moves 30 km. Meanwhile Y has moved 30 km North, then turned left and moves 18 km. Where is X with respect to Y.

1. 48 km East

2. 62 km West

3. 98 km West

4. 110 km East

Rohit walked 2 km towards east, then he took a left turn and walked 2 km, then he took left turn again and walked 2 km. Now in which direction is he facing?

1. North

2. South

3. West

4. East

Rahul is facing East. He first turns 45° in the anticlockwise direction, then he turns 135° in the clockwise direction. In which direction is he facing now?

1. East

2. West

3. North

4. South

A man goes towards east 5 km, then he takes 120 degrees right turn and goes 5 km. He again takes 120 degrees right turn and goes 5 km. With respect to the starting point, where is he now?

1. East

2. At the starting point

3. North east

4. West

Amisha walked 5 km towards east, then she took a right turn and walked 5 km, she again took a right turn and walked 2 km. Now, in which direction is she facing?

1. North

2. West

3. South

4. East

Ajit jogs 300 m East, then turns North and jogs 400 m, then turns East and jogs 100 m, then turns to his right and jogs 400 m. Where is he now with reference to his starting position?

1. 400 m West

2. 300 m West

3. 400 m East

4. 200 m East

Two Dogs P and Q are playing in the ground. They start from the same point. P moves 20 m East, then turns right and moves 40 m. Meanwhile Q has moved 40 m South. Where is P with respect to Q.

1. P is 20 m East of Q

2. P is 20 m West of Q

3. P is 40 m West of Q

4. P is 40 m East of Q

Ashutosh starts walking from a point A. He walks 50 m in the south, then turns left and walks 20 m, then again turns left and walks 20 m. He then turns to his right and walks another 20 m, then finally turns left and walks 30 m. How far is Ashutosh from his starting point?

1. 40 m

2. 30 m

3. 20 m

4. 50 m

Amit walked 5 km towards north, then he took a right turn and walked 5 km, then he took another right turn and walked 3 km. Now in which direction is he facing?

1. South

2. North

3. West

4. East

A man is facing North. He first took a turn of 90° in the clockwise direction and then took a turn of 270° in an anticlockwise direction. In which direction is he facing now?

1. North

2. South-East

3. North-West

4. South

In the evening during sunset, Megha and Palak meet each other at a shop. When they were standing facing each other, Palak's shadow fell on her left side. In which direction is Megha facing?

1. South

2. East

3. North

4. West